

# Receiving Report

Date: 15-11-25

Batch No: 133690

Supplier: Duall

Dart P/O: 30553

Packing Slip: Yes ☒ No ☐  
 Invoice: Yes ☒ No ☐  
 Receipt: Cash ☐ Cr ☒  
 New Supplier Yes ☐ No ☒

Release Note Attached: Yes ☒ No ☐ N/A ☐  
 Waybill Attached: Yes ☒ No ☐  
 Shipment Complete: Yes ☒ No ☐ N/A ☐  
 QC18 Inspection ☐ N/A ☒  
 Work Order ☐ N/A ☒

## Discrepancies

Part Number	Description	Quantity Ordered	Quantity Rec'd	Quantity Short	Quantity Inspected	Quantity Rejected	Comment / NCR Number

Initials of Receiver

QC12

SP

Production/Admin:

Date \_\_\_\_\_  
 Received/Costing \_\_\_\_\_  
 Initial \_\_\_\_\_

Location \_\_\_\_\_





Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

## PURCHASE ORDER

Purchase Order ID **PO30553**

Purchase Order Date 11/24/2015

PO Print Date 11/24/2015

Page Number 1 of 1

**Order From :**

AVIALL  
PO BOX 842275

DALLAS, TX 75284-2275  
USA

VU-AVI003

**Ship To :** DART AEROSPACE LTD

1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

**FAXED**

**Contact Name**

**Vendor Phone** 905-676-1695

**Ship To Contact**

**Ship To Phone**

**Ship Via:** FedEx Overnight collect

**Ship Acct:**

**Buyer**

Chantal Lavoie

**Customer POID**

**Customer Tax #** 10127-2607

**Terms**

Net 30

**Currency**

USD

**FOB**

EXW - (Ex Works)

Line Nbr	Reference Vendor Part Number Line Comments Delivery Comments	Description/ Mfg ID	Req Date/ Taxable Promise Date	CD	Req Qty/ Unit of Measure	PO Unit Price	Extended Price
1	71400-40	04228 PROCYON INHIBITOR	11/26/2015 Yes 11/26/2015		1.00 Each	\$129.79	\$129.79

**Deliver To:** GARY

**Line Total:** \$129.79

**PO Total:** \$129.79

*Sp. 15-11-25*

**PO Instructions:** PROCUREMENT QUALITY CLAUSES  
A000 CLUSES NOT REQUIRED

**Note:** Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit [www.dartaerospace.com](http://www.dartaerospace.com) for further explanation.

**Change Nbr:** 1

**Change Date:** 11/24/2015



## PACKING LIST



DELIVERY NUMBER: 8002493427

ROUTE: US FedEx International Priority

PAGE:1 of 1  
DATE:24NOV15  
TIME:15:59:55  
EMP:00000000  
ORD TYP: ZOR 132  
CURRENCY:USD  
TERMS:Net 30

CUSTOMER PO:PO30553  
ORDER NUMBER:1001713854  
ORDER DATE:24NOV15

**B** 10003951  
**I** DART AEROSPACE LTD  
**L** 1270 ABERDEEN STREET  
**L** HAWKESBURY ON K6A 1K7  
**T** CANADA  
**O**

**S** 10003951  
**H** DART AEROSPACE LTD  
**I** 1270 ABERDEEN STREET  
**P** HAWKESBURY ON K6A 1K7  
**T** CANADA  
**O**

**S** 1000  
**H** AVIALL CENTRAL WAREHOUSE  
**I** DALLAS CDC  
**P** 2750 REGENT BLVD  
**F** DFW AIRPORT TX 75261-9048  
**R** USA  
**O**

LINE	PO LINE	MFG	ITEM DESCRIPTION	ORDER QUANTITY	SHIP QUANTITY	QUANTITY BACK ORDER	UOM	LIST PRICE	CUSTOMER PRICE	EXTENDED CUSTOMER PRICE
00010	0	73	04228 INHIBITOR: CORROSION, GL BATCH 7364076292	1	1	✓ 0	GLL	328.36	129.79	129.79
			Exp Date: 28MAR25		1					

8015-11-25

**This is not an Invoice.**  
**For payment processing, please refer to Invoice.**

The recipient of these goods agrees to comply with all export regulations governing the transfer, sale, lease, or use of these goods.  
Diversion contrary to U.S. Law is prohibited.

## CERTIFICATE OF CONFORMANCE

It is hereby certified that Aviall Services, Inc., is an approved distributor and meets all requirements of ISO9001, AS9100, AS9120 and AC 00-56 at 2750 Regent Blvd, DFW Airport, Texas. The products, articles or parts referenced on this document are in new or overhauled condition and were purchased from an approved source (FAA, EASA, TCCA, Mil Spec or Commercial). The Original Manufacturers' Certifications are maintained on file at our central office location, and copies are available upon request or at Aviall.com. For overhauled or repaired products, articles or parts, the original FAA 8130-3 / EASA Form 1 (Return to Service) or Yellow Tag, from the FAA/JAA/EASA approved Air Agency are attached to the component.

JR Hofmann, Director, Global Quality

24NOV15  
Date

DISCOUNT TERMS APPLY ONLY TO SUB TOTAL. ALL  
RETURNED MERCHANDISE SUBJECT TO HANDLING  
FEE.  
THIS IS TO CERTIFY THAT AVIALL HAS COMPLIED WITH  
THE PROVISIONS OF THE FAIR LABOR ACT OF 1938  
AMENDED.

CUSTOMER COPY

## SHIPPER'S DECLARATION FOR DANGEROUS GOODS

**Shipper** AVIALL SERVICES INC  
2750 REGENT BLVD  
DFW AIRPORT, TX, 75261  
U.S.A.

**Air Waybill No.** 641993581716

Page 1 of 1 Pages

**Shipper's Reference Number**  
(optional)

8002493427

**Consignee** DART AEROSPACE LTD  
1270 ABERDEEN STREET  
HAWKESBURY, ON, K6A 1K7  
Canada

**MASTERFORM**  
by LABELMASTER®

Created using  
International Air  
regulations and  
FedEx carrier  
variations.

Two completed and signed copies of this declaration  
must be handed to the operator.

**WARNING**

Failure to comply in all respects with the applicable  
Dangerous Goods Regulations may be in breach of the  
applicable law, subject to legal penalties.

**TRANSPORT DETAILS**

This shipment is within the  
limitations prescribed for:  
(delete non-applicable)

**Airport of Departure:**

Dallas-Fort Worth  
International Airport

PASSENGER  
AND CARGO  
AIRCRAFT

~~CARGO~~XXXX  
~~AIRCRAFT~~  
~~XXXXXX~~

**Shipment type:** (delete non-applicable)

NON-RADIOACTIVE

~~RADIOACTIVE~~XXXXXX

**Airport of Destination:**

**NATURE AND QUANTITY OF DANGEROUS GOODS****Dangerous Goods Identification**

UN or ID No.	Proper Shipping Name	Class or Division (Subsidiary Risk)	Pack- ing Group	Quantity and type of packing	Packing Inst.	Authorization
UN1139	Coating solution	3	III	1 Fibreboard Box x 4 L	355	

8215-11-25

**Additional Handling Information** Emergency Contact Name: CCN2132 . Emergency Contact Phone: 1-800-424-9300 // INTL +1-703-527-3887

I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. I declare that all of the applicable air transport requirements have been met.

**Name/Title of signatory**

Phonphiloun Keomanivong  
Hazardous Shipper

**Place and Date** Dallas Tx, 75261 11/24/2015

**Signature**

(see warning above)

*Phonphiloun Keomanivong*

# 2012 Emergency Response Guide for ID Number 1139

**ID Number Index**

(TIH-Toxic Inhalation Hazard, WR-Water Reactive Gases Produced)

ID Guide No.	Name of Material
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TIH WR

1139 127	Coating solution
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## GUIDE Flammable Liquids (Polar/Water-Miscible) 127

ERG 2012

### POTENTIAL HAZARDS

#### FIRE OR EXPLOSION

- **HIGHLY FLAMMABLE: Will be easily ignited by heat, sparks or flames.**
- Vapors may form explosive mixtures with air.
- Vapors may travel to source of ignition and flash back.
- Most vapors are heavier than air. They will spread along ground and collect in low or confined areas (sewers, basements, tanks).
- Vapor explosion hazard indoors, outdoors or in sewers.
- Those substances designated with a (P) may polymerize explosively when heated or involved in a fire.
- Runoff to sewer may create fire or explosion hazard.
- Containers may explode when heated.
- Many liquids are lighter than water.

#### HEALTH

- Inhalation or contact with material may irritate or burn skin and eyes.
- Fire may produce irritating, corrosive and/or toxic gases.
- Vapors may cause dizziness or suffocation.
- Runoff from fire control may cause pollution.

#### PUBLIC SAFETY

- **CALL EMERGENCY RESPONSE Telephone Number on Shipping Paper first. If Shipping Paper not available or no answer, refer to appropriate telephone number listed on the inside back cover.**
- As an immediate precautionary measure, isolate spill or leak area for at least 50 meters (150 feet) in all directions.
- Keep unauthorized personnel away.
- Stay upwind.
- Keep out of low areas.
- Ventilate closed spaces before entering.

#### PROTECTIVE CLOTHING

- Wear positive pressure self-contained breathing apparatus (SCBA).

- Structural firefighters' protective clothing will only provide limited protection.

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**EVACUATION****Large Spill**

- Consider initial downwind evacuation for at least 300 meters (1000 feet).

**Fire**

- If tank, rail car or tank truck is involved in a fire, ISOLATE for 800 meters (1/2 mile) in all directions; also, consider initial evacuation for 800 meters (1/2 mile) in all directions.

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**EMERGENCY RESPONSE**

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**FIRE**

**CAUTION: All these products have a very low flash point: Use of water spray when fighting fire may be inefficient.**

**Small Fire**

- Dry chemical, CO<sub>2</sub>, water spray or alcohol-resistant foam.

**Large Fire**

- Water spray, fog or alcohol-resistant foam.
- Do not use straight streams.
- Move containers from fire area if you can do it without risk.

**Fire involving Tanks or Car/Trailer Loads**

- Fight fire from maximum distance or use unmanned hose holders or monitor nozzles.
- Cool containers with flooding quantities of water until well after fire is out.
- Withdraw immediately in case of rising sound from venting safety devices or discoloration of tank.
- ALWAYS stay away from tanks engulfed in fire.
- For massive fire, use unmanned hose holders or monitor nozzles; if this is impossible, withdraw from area and let fire burn.

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**SPILL OR LEAK**

- ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area).
- All equipment used when handling the product must be grounded.
- Do not touch or walk through spilled material.
- Stop leak if you can do it without risk.
- Prevent entry into waterways, sewers, basements or confined areas.
- A vapor suppressing foam may be used to reduce vapors.
- Absorb or cover with dry earth, sand or other non-combustible material and transfer to containers.
- Use clean non-sparking tools to collect absorbed material.

**Large Spill**

- Dike far ahead of liquid spill for later disposal.
- Water spray may reduce vapor; but may not prevent ignition in closed spaces.

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**FIRST AID**

- Move victim to fresh air.
- Call 911 or emergency medical service.

- Give artificial respiration if victim is not breathing.
- Administer oxygen if breathing is difficult.
- Remove and isolate contaminated clothing and shoes.
- In case of contact with substance, immediately flush skin or eyes with running water for at least 20 minutes.
- Wash skin with soap and water.
- In case of burns, immediately cool affected skin for as long as possible with cold water. Do not remove clothing if adhering to skin.
- Keep victim warm and quiet.
- Ensure that medical personnel are aware of the material(s) involved and take precautions to protect themselves.



# SAFETY DATA SHEET

## 1. Identification

**Product identifier** LPS® PROCYON

**Other means of identification**

**Part Number** 04228, 04205, 04255

**Recommended use** A specialized coating designed to prevent rust and corrosion on steel, aluminum and other metals.

**Recommended restrictions** None known.

**Manufacturer/Importer/Supplier/Distributor information**

**Manufacturer**

**Manufacturer**

**Company name** LPS Laboratories, a division of Illinois Tool Works, Inc.

**Address** 4647 Hugh Howell Rd.  
Tucker, GA 30084  
(U.S.A.)  
Tel: +1 770-243-8800

**Country**

**In Case of Emergency** 1-800-424-9300 (inside U.S.)  
+001 703-527-3887 (outside U.S.)

**Website** www.lpslabs.com

**E-mail** sds@lpslabs.com

## 2. Hazard(s) identification

**Physical hazards** Flammable liquids Category 3

**Health hazards** Skin corrosion/irritation Category 2  
Specific target organ toxicity, single exposure Category 3 narcotic effects

**Environmental hazards** Not classified.

**OSHA defined hazards** Not classified.

**Label elements**



**Signal word** Warning

**Hazard statement** Flammable liquid and vapor. Causes skin irritation. May cause drowsiness or dizziness.

### Precautionary statement

#### Prevention

Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Keep container tightly closed. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Avoid breathing mist or vapor. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear protective gloves/eye protection/face protection.

#### Response

In case of fire: Use appropriate media for extinction. If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. Specific treatment (see this label). Take off contaminated clothing and wash before reuse. If skin irritation occurs: Get medical advice/attention. If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison center/doctor.

#### Storage

Keep cool. Store in a well-ventilated place. Keep container tightly closed. Store locked up.

#### Disposal

Dispose of contents/container in accordance with local/regional/national/international regulations.

**Hazard(s) not otherwise classified (HNOC)** None known.

**Supplemental information** None.



### 3. Composition/information on ingredients

#### Mixtures

Chemical name	Common name and synonyms	CAS number	%
Distillates Petroleum Hydrotreated Light		64742-47-8	20 - 30
Mineral Spirits Regular Stoddard Solvent		8052-41-3	10 - 20
Distillates Petroleum Hydrotreated Heavy		64742-54-7	1 - 10
Petrolatum		8009-03-8	1 - 10
Dipropylene Glycol Monomethyl Ether		34590-94-8	1 - 5

### 4. First-aid measures

<b>Inhalation</b>	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Oxygen or artificial respiration if needed. Do not use mouth-to-mouth method if victim inhaled the substance. Induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. Call a POISON CENTER or doctor/physician if you feel unwell.
<b>Skin contact</b>	Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. Get medical attention if symptoms occur.
<b>Eye contact</b>	Immediately flush with plenty of water for at least 15 minutes. If easy to do, remove contact lenses. Get medical attention if irritation develops and persists.
<b>Ingestion</b>	Call a physician or poison control center immediately. Only induce vomiting at the instruction of medical personnel. Never give anything by mouth to an unconscious person. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs.
<b>Most important symptoms/effects, acute and delayed</b>	Skin irritation. Direct contact with eyes may cause temporary irritation. Vapors have a narcotic effect and may cause headache, fatigue, dizziness and nausea.
<b>Indication of immediate medical attention and special treatment needed</b>	Provide general supportive measures and treat symptomatically.
<b>General information</b>	Take off contaminated clothing and shoes immediately. IF exposed or concerned: Get medical advice/attention. Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

### 5. Fire-fighting measures

<b>Suitable extinguishing media</b>	Alcohol resistant foam. Water spray. Water fog. Dry chemical powder. Dry chemicals. Carbon dioxide (CO2).
<b>Unsuitable extinguishing media</b>	Do not use water jet as an extinguisher, as this will spread the fire.
<b>Specific hazards arising from the chemical</b>	Vapors may form explosive mixtures with air. Vapors may travel considerable distance to a source of ignition and flash back. During fire, gases hazardous to health may be formed.
<b>Special protective equipment and precautions for firefighters</b>	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
<b>Fire-fighting equipment/instructions</b>	In case of fire and/or explosion do not breathe fumes. Move containers from fire area if you can do so without risk. Cool containers exposed to heat with water spray and remove container, if no risk is involved.
<b>Specific methods</b>	Use standard firefighting procedures and consider the hazards of other involved materials.
<b>General fire hazards</b>	Flammable liquid and vapor.

### 6. Accidental release measures

<b>Personal precautions, protective equipment and emergency procedures</b>	Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Keep out of low areas. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Wear appropriate protective equipment and clothing during clean-up. Avoid inhalation of vapors and spray mists. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Local authorities should be advised if significant spillages cannot be contained. Use personal protection recommended in Section 8 of the SDS.
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## Methods and materials for containment and cleaning up

Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Take precautionary measures against static discharge. Use only non-sparking tools. Keep combustibles (wood, paper, oil, etc.) away from spilled material. This material is classified as a water pollutant under the Clean Water Act and should be prevented from contaminating soil or from entering sewage and drainage systems which lead to waterways.

**Large Spills:** Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Use water spray to reduce vapors or divert vapor cloud drift. Following product recovery, flush area with water.

**Small Spills:** Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS. Avoid discharge into drains, water courses or onto the ground.

## Environmental precautions

## 7. Handling and storage

### Precautions for safe handling

Vapors may form explosive mixtures with air. Do not handle, store or open near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight. When using do not smoke. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Use non-sparking tools and explosion-proof equipment. Avoid inhalation of vapors and spray mists. Avoid contact with eyes, skin, and clothing. Avoid prolonged or repeated contact with skin. Avoid prolonged exposure. Use only outdoors or in a well-ventilated area. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Observe good industrial hygiene practices.

### Conditions for safe storage, including any incompatibilities

Store locked up. Keep away from heat and sources of ignition. Prevent electrostatic charge build-up by using common bonding and grounding techniques. Store in original tightly closed container. Store in a cool, dry place out of direct sunlight. Store in a well-ventilated place. Refrigeration recommended. Store away from incompatible materials (see Section 10 of the SDS). Keep in an area equipped with sprinklers.

## 8. Exposure controls/personal protection

### Occupational exposure limits

#### US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Components	Type	Value
Dipropylene Glycol Monomethyl Ether (CAS 34590-94-8)	PEL	600 mg/m3
Mineral Spirits Regular Stoddard Solvent (CAS 8052-41-3)	PEL	100 ppm 2900 mg/m3
Primary Amyl Acetate (CAS 628-63-7)	PEL	500 ppm 525 mg/m3
Xylene (CAS 1330-20-7)	PEL	100 ppm 435 mg/m3 100 ppm

#### US. ACGIH Threshold Limit Values

Components	Type	Value
Acetophenone (CAS 98-86-2)	TWA	10 ppm
Benzyl Acetate (CAS 140-11-4)	TWA	10 ppm
Dipropylene Glycol Monomethyl Ether (CAS 34590-94-8)	STEL	150 ppm
Mineral Spirits Regular Stoddard Solvent (CAS 8052-41-3)	TWA	100 ppm
Primary Amyl Acetate (CAS 628-63-7)	TWA	100 ppm
	STEL	100 ppm

**US. ACGIH Threshold Limit Values**

Components	Type	Value
Xylene (CAS 1330-20-7)	TWA	50 ppm
	STEL	150 ppm
	TWA	100 ppm

**US. NIOSH: Pocket Guide to Chemical Hazards**

Components	Type	Value
Dipropylene Glycol Monomethyl Ether (CAS 34590-94-8)	STEL	900 mg/m3
		150 ppm
	TWA	600 mg/m3
Mineral Spirits Regular Stoddard Solvent (CAS 8052-41-3)		100 ppm
	Ceiling	1800 mg/m3
Primary Amyl Acetate (CAS 628-63-7)	TWA	350 mg/m3
	TWA	525 mg/m3
		100 ppm

**US. Workplace Environmental Exposure Level (WEEL) Guides**

Components	Type	Value
Acetophenone (CAS 98-86-2)	TWA	50 mg/m3
		10 ppm
Benzaldehyde (CAS 100-52-7)	STEL	17.4 mg/m3
		4 ppm
	TWA	8.7 mg/m3
		2 ppm

**Biological limit values****ACGIH Biological Exposure Indices**

Components	Value	Determinant	Specimen	Sampling Time
Xylene (CAS 1330-20-7)	1.5 g/g	Methylhippuric acids	Creatinine in urine	*

\* - For sampling details, please see the source document.

**Exposure guidelines****US - California OELs: Skin designation**

Dipropylene Glycol Monomethyl Ether (CAS 34590-94-8) Can be absorbed through the skin.

**US - Tennessee OELs: Skin designation**

Dipropylene Glycol Monomethyl Ether (CAS 34590-94-8) Can be absorbed through the skin.

**US ACGIH Threshold Limit Values: Skin designation**

Dipropylene Glycol Monomethyl Ether (CAS 34590-94-8) Can be absorbed through the skin.

**US NIOSH Pocket Guide to Chemical Hazards: Skin designation**

Dipropylene Glycol Monomethyl Ether (CAS 34590-94-8) Can be absorbed through the skin.

**US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)**

Dipropylene Glycol Monomethyl Ether (CAS 34590-94-8) Can be absorbed through the skin.

**Appropriate engineering controls**

Explosion-proof general and local exhaust ventilation. Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

**Individual protection measures, such as personal protective equipment****Eye/face protection**

Wear safety glasses with side shields (or goggles). Eye wash fountain and emergency showers are recommended.

**Skin protection****Hand protection**

Chemical resistant gloves are recommended.

Other	Avoid contact with the skin. Wear appropriate chemical resistant clothing. Chemical resistant gloves.
Respiratory protection	Use a positive-pressure air-supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, or any other circumstances where air-purifying respirators may not provide adequate protection.
Thermal hazards	None known.
General hygiene considerations	When using, do not eat, drink or smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

## 9. Physical and chemical properties

Appearance	Viscous. Liquid.
Physical state	Liquid.
Form	Liquid.
Color	Dark brown
Odor	Cherry
Odor threshold	Not available.
pH	Not available.
Melting point/freezing point	Not available.
Initial boiling point and boiling range	320 °F (160 °C)
Flash point	107.6 °F (42.0 °C)
Evaporation rate	0.2 BuAc
Flammability (solid, gas)	Not available.
Upper/lower flammability or explosive limits	
Flammability limit - lower (%)	0.6 %
Flammability limit - upper (%)	6 %
Explosive limit - lower (%)	Not available.
Explosive limit - upper (%)	Not available.
Vapor pressure	2.6 mm Hg
Vapor density	4.8
Relative density	Not available.
Solubility(ies)	
Solubility (water)	Not available.
Partition coefficient (n-octanol/water)	Not available.
Auto-ignition temperature	> 446 °F (> 230 °C)
Decomposition temperature	Not available.
Viscosity	75-225 cPs
Other information	
Flammability class	Combustible II estimated
Percent volatile	52.2 %
Specific gravity	0.88-0.90 at 20 °C
VOC (Weight %)	52.2 % per U.S. State and Federal Consumer Product Regulations

## 10. Stability and reactivity

Reactivity	The product is stable and non-reactive under normal conditions of use, storage and transport.
Chemical stability	Material is stable under normal conditions.
Possibility of hazardous reactions	Hazardous polymerization does not occur.

<b>Conditions to avoid</b>	Avoid heat, sparks, open flames and other ignition sources. Avoid temperatures exceeding the flash point. Contact with incompatible materials.
<b>Incompatible materials</b>	Strong oxidizing agents.
<b>Hazardous decomposition products</b>	Toxic gas. Carbon oxides.

## 11. Toxicological information

### Information on likely routes of exposure

<b>Ingestion</b>	May cause discomfort if swallowed.
<b>Inhalation</b>	Vapors have a narcotic effect and may cause headache, fatigue, dizziness and nausea.
<b>Skin contact</b>	Causes skin irritation.
<b>Eye contact</b>	Direct contact with eyes may cause temporary irritation.

<b>Symptoms related to the physical, chemical and toxicological characteristics</b>	Skin irritation. Direct contact with eyes may cause temporary irritation. Exposed individuals may experience eye tearing, redness, and discomfort. Vapors have a narcotic effect and may cause headache, fatigue, dizziness and nausea. Coughing. Shortness of breath. Discomfort in the chest.
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### Information on toxicological effects

<b>Acute toxicity</b>	Narcotic effects.
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Components	Species	Test Results
Acetophenone (CAS 98-86-2)		
<b>Acute</b>		
<i>Dermal</i>		
LD50	Guinea pig	> 20600 mg/kg
		> 20 ml/kg
	Rabbit	1760 mg/kg
	Rat	3300 mg/kg
<i>Oral</i>		
LD50	Mouse	740 mg/kg
	Rat	0.81 g/kg
<i>Other</i>		
LD100	Mouse	1600 mg/kg
LD50	Mouse	200 mg/kg
LDL0	Mouse	330 mg/kg
Benzaldehyde (CAS 100-52-7)		
<b>Acute</b>		
<i>Dermal</i>		
LD50	Guinea pig	> 20000 ml/kg
		> 2000 mg/kg
	Rabbit	> 1250 mg/kg
<i>Oral</i>		
LD50	Guinea pig	1000 mg/kg
	Mouse	800 - 1600 mg/kg
	Rat	800 - 1600 mg/kg
		1.43 ml/kg
<i>Other</i>		
LD50	Mouse	1020 mg/kg
	Rabbit	5000 mg/kg
Benzyl Acetate (CAS 140-11-4)		
<b>Acute</b>		
<i>Oral</i>		
LD50	Mouse	> 2000 mg/kg
	Rat	> 2000 mg/kg

Components	Species	Test Results
Calcium Sulfonate (CAS 61789-86-4)		
<b>Acute</b>		
<i>Dermal</i>		
LD50	Rabbit	> 2000 mg/kg
	Rat	> 2000 mg/kg
<i>Inhalation</i>		
LC50	Rat	> 1.9 mg/l
<i>Oral</i>		
LD50	Rat	> 2000 mg/kg
Dipropylene Glycol Monomethyl Ether (CAS 34590-94-8)		
<b>Acute</b>		
<i>Dermal</i>		
LD50	Rabbit	10 ml/kg
		9.5 g/kg
	Rat	> 19020 mg/kg
		> 20 ml/kg
<i>Inhalation</i>		
LC50	Rat	> 275 ppm
<i>Oral</i>		
LD50	Dog	7.5 ml/kg
	Rat	> 5000 mg/kg
		5.4 ml/kg
Distillates Petroleum Hydrotreated Light (CAS 64742-47-8)		
<b>Acute</b>		
<i>Dermal</i>		
LD50	Rabbit	> 2000 mg/kg
<i>Inhalation</i>		
LC50	Cat	> 6.4 mg/l
	Rat	> 0.1 mg/l
<i>Oral</i>		
LD50	Rat	> 5000 mg/kg
Hydrotreated Microcrystalline wax (CAS 64742-60-5)		
<b>Acute</b>		
<i>Dermal</i>		
LD50	Rabbit	> 3600 mg/kg
		> 4 ml/kg
	Rat	> 2000 mg/kg
<i>Oral</i>		
LD50	Dog	> 25 ml/kg
	Rat	> 5000 mg/kg
		> 5 ml/kg
Naphtha, Petroleum, Hydrotreated Heavy (CAS 64742-48-9)		
<b>Acute</b>		
<i>Dermal</i>		
LD50	Rabbit	> 1900 mg/kg
<i>Inhalation</i>		
LC50	Rat	> 4980 mg/m3
		> 4.96 mg/l

Components	Species	Test Results
Oral LD50	Rat	4820 mg/kg
Petrolatum (CAS 8009-03-8)		
Acute		
Dermal		
LD50	Rabbit	> 2000 mg/kg
	Rat	> 2000 mg/kg
Oral		
LD50	Rat	> 5000 mg/kg
Xylene (CAS 1330-20-7)		
Acute		
Dermal		
LD50	Rabbit	> 5000 ml/kg
		12126 mg/kg
Inhalation		
LC50	Mouse	3907 mg/l, 6 Hours
	Rat	6350 mg/l, 4 Hours
		5922 ppm
LCL0	Rat	8000 mg/l, 4 Hours
Oral		
LD50	Mouse	1590 mg/kg
	Rat	3523 - 8600 mg/kg
		10 ml/kg
Skin corrosion/irritation	Causes skin irritation.	
Serious eye damage/eye irritation	Direct contact with eyes may cause temporary irritation.	
Respiratory or skin sensitization		
Respiratory sensitization	Based on available data, the classification criteria are not met.	
Skin sensitization	Based on available data, the classification criteria are not met.	
Germ cell mutagenicity	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.	
Carcinogenicity	This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.	
ACGIH Carcinogens		
Benzyl Acetate (CAS 140-11-4)	A4 Not classifiable as a human carcinogen.	
Xylene (CAS 1330-20-7)	A4 Not classifiable as a human carcinogen.	
IARC Monographs. Overall Evaluation of Carcinogenicity		
Benzyl Acetate (CAS 140-11-4)	3 Not classifiable as to carcinogenicity to humans.	
Xylene (CAS 1330-20-7)	3 Not classifiable as to carcinogenicity to humans.	
OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)		
Not listed.		
Reproductive toxicity	This product is not expected to cause reproductive or developmental effects.	
Specific target organ toxicity - single exposure	May cause drowsiness or dizziness.	
Specific target organ toxicity - repeated exposure	Based on available data, the classification criteria are not met.	
Aspiration hazard	Not an aspiration hazard.	
12. Ecological information		
Ecotoxicity	Toxic to aquatic life with long lasting effects.	

Components	Species		Test Results
Acetophenone (CAS 98-86-2)			
<b>Aquatic</b>			
Fish	LC50	Fathead minnow ( <i>Pimephales promelas</i> )	155 mg/l, 96 hours
Benzaldehyde (CAS 100-52-7)			
<b>Aquatic</b>			
Fish	LC50	Bluegill ( <i>Lepomis macrochirus</i> )	0.8 - 1.44 mg/l, 96 hours
Benzyl Acetate (CAS 140-11-4)			
<b>Aquatic</b>			
Fish	LC50	Medaka, high-eyes ( <i>Oryzias latipes</i> )	3.48 - 4.6 mg/l, 96 hours
Distillates Petroleum Hydrotreated Light (CAS 64742-47-8)			
<b>Aquatic</b>			
Fish	LC50	Rainbow trout,donaldson trout ( <i>Oncorhynchus mykiss</i> )	2.9 mg/l, 96 hours
Primary Amyl Acetate (CAS 628-63-7)			
<b>Aquatic</b>			
Fish	LC50	Western mosquitofish ( <i>Gambusia affinis</i> )	65 mg/l, 96 hours
Xylene (CAS 1330-20-7)			
<b>Aquatic</b>			
Fish	LC50	Bluegill ( <i>Lepomis macrochirus</i> )	7.711 - 9.591 mg/l, 96 hours
<b>Persistence and degradability</b>	No data is available on the degradability of this product.		
<b>Bioaccumulative potential</b>	No data available.		
<b>Partition coefficient n-octanol / water (log Kow)</b>			
Acetophenone	1.58		
Benzaldehyde	1.48		
Benzyl Acetate	1.96		
Mineral Spirits Regular Stoddard Solvent	3.16 - 7.15		
Primary Amyl Acetate	2.3		
Xylene	3.12 - 3.2		
<b>Mobility in soil</b>	No data available.		
<b>Other adverse effects</b>	None known.		
<b>13. Disposal considerations</b>			
<b>Disposal instructions</b>	Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose of contents/container in accordance with local/regional/national/international regulations.		
<b>Local disposal regulations</b>	Dispose in accordance with all applicable regulations.		
<b>Hazardous waste code</b>	D001: Waste Flammable material with a flash point <140 F		
<b>Waste from residues / unused products</b>	Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).		
<b>Contaminated packaging</b>	Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.		
<b>14. Transport information</b>			
<b>DOT</b>			
<b>UN number</b>	UN1139		
<b>UN proper shipping name</b>	Coating solution		
<b>Transport hazard class(es)</b>			
<b>Class</b>	3		
<b>Subsidiary risk</b>	-		
<b>Label(s)</b>	3		
<b>Packing group</b>	III		
<b>Environmental hazards</b>			
<b>Marine pollutant</b>	No		
<b>Special precautions for user</b>	Read safety instructions, SDS and emergency procedures before handling.		



<b>Special provisions</b>	B1, B3, T2, TP1
<b>Packaging exceptions</b>	150
<b>Packaging non bulk</b>	203
<b>Packaging bulk</b>	242

#### IATA

<b>UN number</b>	UN1139
<b>UN proper shipping name</b>	Coating solution
<b>Transport hazard class(es)</b>	
<b>Class</b>	3
<b>Subsidiary risk</b>	-
<b>Label(s)</b>	3
<b>Packing group</b>	III
<b>Environmental hazards</b>	Yes
<b>Special precautions for user</b>	Read safety instructions, SDS and emergency procedures before handling.
<b>Other information</b>	
<b>Passenger and cargo aircraft</b>	Allowed.
<b>Cargo aircraft only</b>	Allowed.

#### IMDG

<b>UN number</b>	UN1139
<b>UN proper shipping name</b>	Coating solution, (Kerosene), MARINE POLLUTANT
<b>Transport hazard class(es)</b>	
<b>Class</b>	3
<b>Subsidiary risk</b>	-
<b>Label(s)</b>	3
<b>Packing group</b>	III
<b>Environmental hazards</b>	
<b>Marine pollutant</b>	Yes
<b>EmS</b>	F-E, S-E
<b>Special precautions for user</b>	Read safety instructions, SDS and emergency procedures before handling.

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** This substance/mixture is not intended to be transported in bulk.

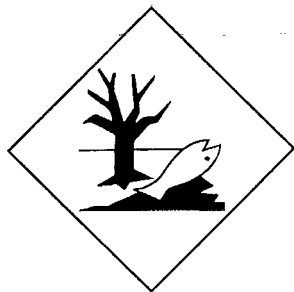
#### DOT



#### IATA; IMDG



## Marine pollutant



### General information

IMDG Regulated Marine Pollutant.

## 15. Regulatory information

### US federal regulations

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

#### TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated.

#### CERCLA Hazardous Substance List (40 CFR 302.4)

Acetophenone (CAS 98-86-2)	Listed.
Primary Amyl Acetate (CAS 628-63-7)	Listed.
Xylene (CAS 1330-20-7)	Listed.

#### SARA 304 Emergency release notification

Not regulated.

#### OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not listed.

### Superfund Amendments and Reauthorization Act of 1986 (SARA)

#### Hazard categories

Immediate Hazard - Yes  
Delayed Hazard - No  
Fire Hazard - Yes  
Pressure Hazard - No  
Reactivity Hazard - No

#### SARA 302 Extremely hazardous substance

Not listed.

#### SARA 311/312 Hazardous chemical

Yes

#### SARA 313 (TRI reporting)

Not regulated.

### Other federal regulations

#### Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

Acetophenone (CAS 98-86-2)  
Xylene (CAS 1330-20-7)

#### Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

Not regulated.

#### Safe Drinking Water Act (SDWA)

Not regulated.

#### Drug Enforcement Administration (DEA). List 1 & 2 Exempt Chemical Mixtures (21 CFR 1310.12(c))

Benzaldehyde (CAS 100-52-7) 50 % weight/volumn

#### DEA Exempt Chemical Mixtures Code Number

Benzaldehyde (CAS 100-52-7) 8256

### US state regulations

#### US. Massachusetts RTK - Substance List

Acetophenone (CAS 98-86-2)  
Benzaldehyde (CAS 100-52-7)  
Dipropylene Glycol Monomethyl Ether (CAS 34590-94-8)  
Mineral Spirits Regular Stoddard Solvent (CAS 8052-41-3)  
Primary Amyl Acetate (CAS 628-63-7)  
Xylene (CAS 1330-20-7)

**US. New Jersey Worker and Community Right-to-Know Act**

Acetophenone (CAS 98-86-2)  
Benzaldehyde (CAS 100-52-7)  
Benzyl Acetate (CAS 140-11-4)  
Dipropylene Glycol Monomethyl Ether (CAS 34590-94-8)  
Mineral Spirits Regular Stoddard Solvent (CAS 8052-41-3)  
Primary Amyl Acetate (CAS 628-63-7)  
Xylene (CAS 1330-20-7)

**US. Pennsylvania Worker and Community Right-to-Know Law**

Acetophenone (CAS 98-86-2)  
Benzaldehyde (CAS 100-52-7)  
Dipropylene Glycol Monomethyl Ether (CAS 34590-94-8)  
Mineral Spirits Regular Stoddard Solvent (CAS 8052-41-3)  
Primary Amyl Acetate (CAS 628-63-7)  
Xylene (CAS 1330-20-7)

**US. Rhode Island RTK**

Acetophenone (CAS 98-86-2)  
Primary Amyl Acetate (CAS 628-63-7)  
Xylene (CAS 1330-20-7)

**US. California Proposition 65**

California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.

**International Inventories**

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	No
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	No
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	No
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	No
Korea	Existing Chemicals List (ECL)	No
New Zealand	New Zealand Inventory	No
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	No
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

\*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

**16. Other information, including date of preparation or last revision**

**Issue date** 04-25-2014

**Version #** 01

**Disclaimer** The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.



ITW PRO BRANDS  
4647 HUGH HOWELL ROAD  
TUCKER, GA 30084

## Packing List

Page: 1

Shipment Number: SS0118492  
Shipment Date: 9/11/2015  
P.O. Number: 45294811



Bill  
To: AVIALL INC  
ATTN: ACCOUNTS PAYABLE  
ROJEAN TAYLOR  
PO BOX 619048  
DALLAS, TX 75261  
USA

Ship  
To: AVIALL INC  
2750 REGENT BLVD  
DFW AIRPORT, TX 75261  
USA

Ship Via: PREPAID DELIVERED  
Carrier: FDXFT STANDARD  
Package Tracking No.: 2319935310

Customer ID: 006063  
P.O. Date: 9/11/2015  
Our Order No.: SO0430092  
SalesPerson: DAVE HEISSEN BUTTEL

Item No.	Description	Unit	Shipped	Ordered	Back Ordered
04016	12 - 12 OZ NO FLASH ECC GHS	CASE	60	60	
03528	4 - 1 GAL ZEROTRI GHS	CASE	1	1	
00122	12 - 20 OZ LPS #1 GHS	CASE	6	6	
04228	4 - 1 GAL PROCYON GHS	CASE	3	6	3
03908	12 - 1/2 LB NICKEL ANTI-SEIZE GHS	CASE	3	3	
04920	12 - 15 OZ LPS F-104 CLEANER GHS	CASE	35	35	

ITEM 00122 = 73



BATCH 7364076148



MSUSTAITA  
09/17/15




9/17/2015

LPS Labs - Certificate of Conformance

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**World-Class MRO Solutions**  
LEADERSHIP PERFORMANCE SUSTAINABILITY

Product name or #   

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## Certificate of Conformance

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### LPS Laboratories

An Illinois Tool Works Company

4647 Hugh Howell Road • Tucker, GA 30084 U.S.A.

TEL: (800) 241-8334 or (770) 243-8800 • FAX: (800) 543-1563 or (770) 243-8899

## CERTIFICATE OF CONFORMANCE

**Product Name:** LPS 1® Greaseless Lubricant

**Part Number:** 00122

**Size:** 20 fl.oz. (591 mL)

**Date of Manufacture:** 8/6/2015

**Lot Number:** 15218

**Shelf Life:** The contents of this item has a 10 year shelf life (is chemically stable) if stored indoors in an unopened condition between 4°C(40°F) and 50°C(122°F).

**Product Warranty:** LPS Laboratories warrants all packaging of its products under normal use and service for a period of 3 years (36 months) from the date of manufacture (i.e., aerosols should spray, other packaging should not leak).

**Specification(s):** Tyco Electronics, Occidental Chemicals, Tampa Electric Co., MIL-C-23411A, Kimberly-Clark, Inland Steel, Minntac - US Steel, Shell Oil, PlastiPack Packaging, New York City Transit, Hazelton Pump, Cummins Engine, Caterpillar, Boise Cascade, NSF International, Canadian Food Inspection Agency, Honda Corp., Ford Motor Co., Chrysler Corporation, Rolls Royce Overhaul Process 340, Pratt & Whitney Canada CPMC 79255 Rev. C, Lockheed Martin EPSN G34.031, Delta Airlines, Bombardier (Canadair) BAMS 569-001, Boeing B737-500 Task 75-31-02-206-001-C00, Allied Signal ES-2092

This material has been evaluated and found to conform to all of its quality requirements. This document supersedes all previous revisions, effective 09/17/2015.

*Ed Williams*

Ed Williams  
Quality Control Manager

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ITW Pro Brands | 4647 Hugh Howell Rd., Tucker, GA 30084 USA

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Atlanta Website Development by Phase 3 Marketing & Communications

91-11-17-03-02-00

AEVANS

INHIBITOR: CORROSION, GL

11/24/2015

CU10003951 DART AEROSPACE LTD

10:32:00

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1139 3 III

EX - 03/28/2025

APPROVAL TYPE, N/R

**OUTB**

ID 1000000016670662

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Line Number

TU# 1000585185

ECC Doc # 1001713854

**STDOD**

BATCH 7364076292

HU: 100003084631

CPO P030553

PNR 04228=73

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11/24/2015